

Factsheet 20ft MEGC, 500 bar

TYPE 4 PRESSURE VESSEL SPECIFICATION

NPROXX manufactures high-strength, lightweight composite Type 4 pressure vessels for use in busses, trucks and other heavy duty vehicles. Our cutting edge technology, series manufacturing and experience spans 40 years and we are ideally placed to produce large quantities of customised, market ready product.

Dimension (L x W x H)	6,058 x 2,550 x 2,750mm
Certification Storage System	MEGC (ADR)
Usable Storage Capacity (working pressure min-max, 15°C)	530kg H ₂
Volume	17,500 Litre
Weight (empty)	Appr. 14,000kg
Corner Points	Bottom: 4 pcs Top: 4 pcs, ISO dimensions
Material Container	Galvanised steel
Housing Sides	Taraulin with customized digital printing, (PVC 760 g/m ² , B1)
Top Side	Open (not walkable)
Bottom Cover	Galvanized steel support plates for mounting pressure cylinders
Mounting Position PC	Vertical
Delivery condition	6 bar nitrogen filling
Nominal Working Pressure	500 bar
Approved Temperature Range	-40 - +65 °C
Maximum Loadcycles (min-max-min)	unlimited
Lifetime	unlimited
Periodic Inspection Period	10 years

